

4.2.A. 0513010104.

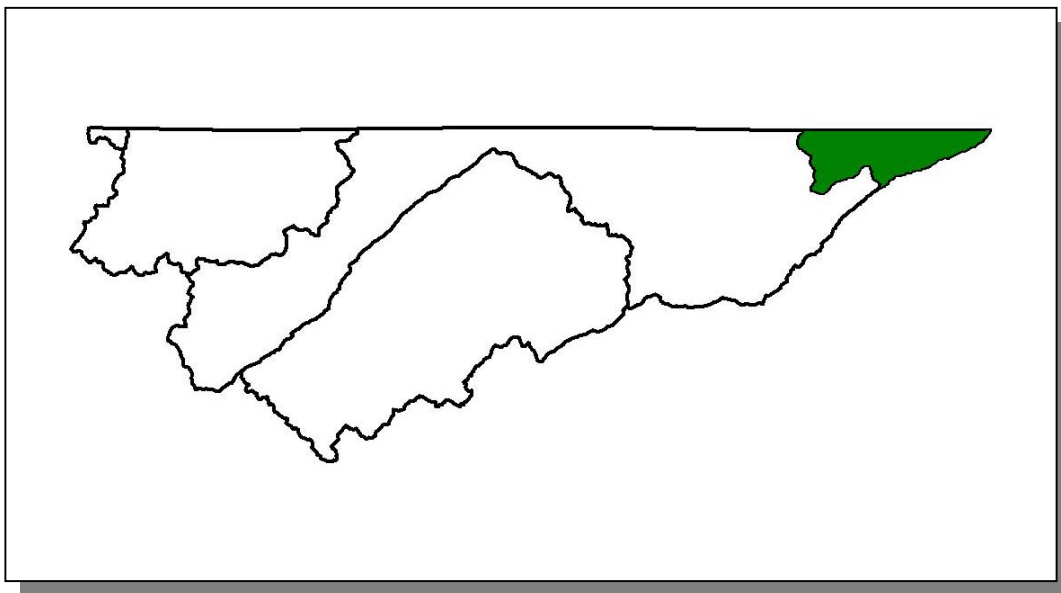


Figure 4-2. Location of Subwatershed 0513010104. All Clear Fork of the Cumberland River HUC-10 subwatershed boundaries in Tennessee are shown for reference.

4.2.A.i. 051301010401 (Yellow Creek).

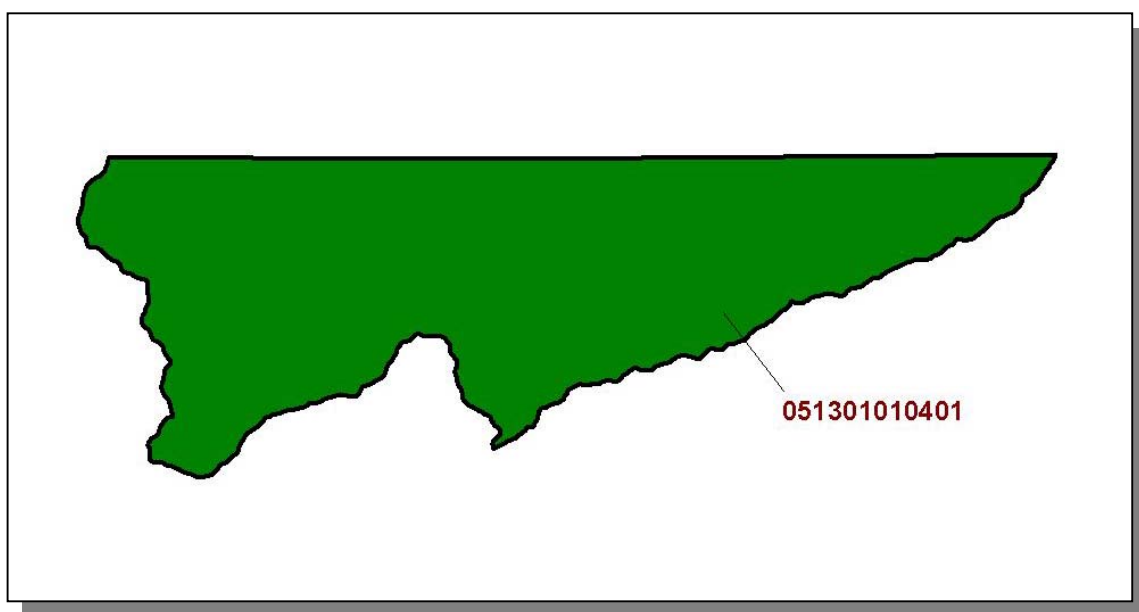


Figure 4-3. Location of Subwatershed 051301010401. All Clear Fork of the Cumberland River Watershed HUC-12 subwatershed boundaries in Tennessee are shown for reference.

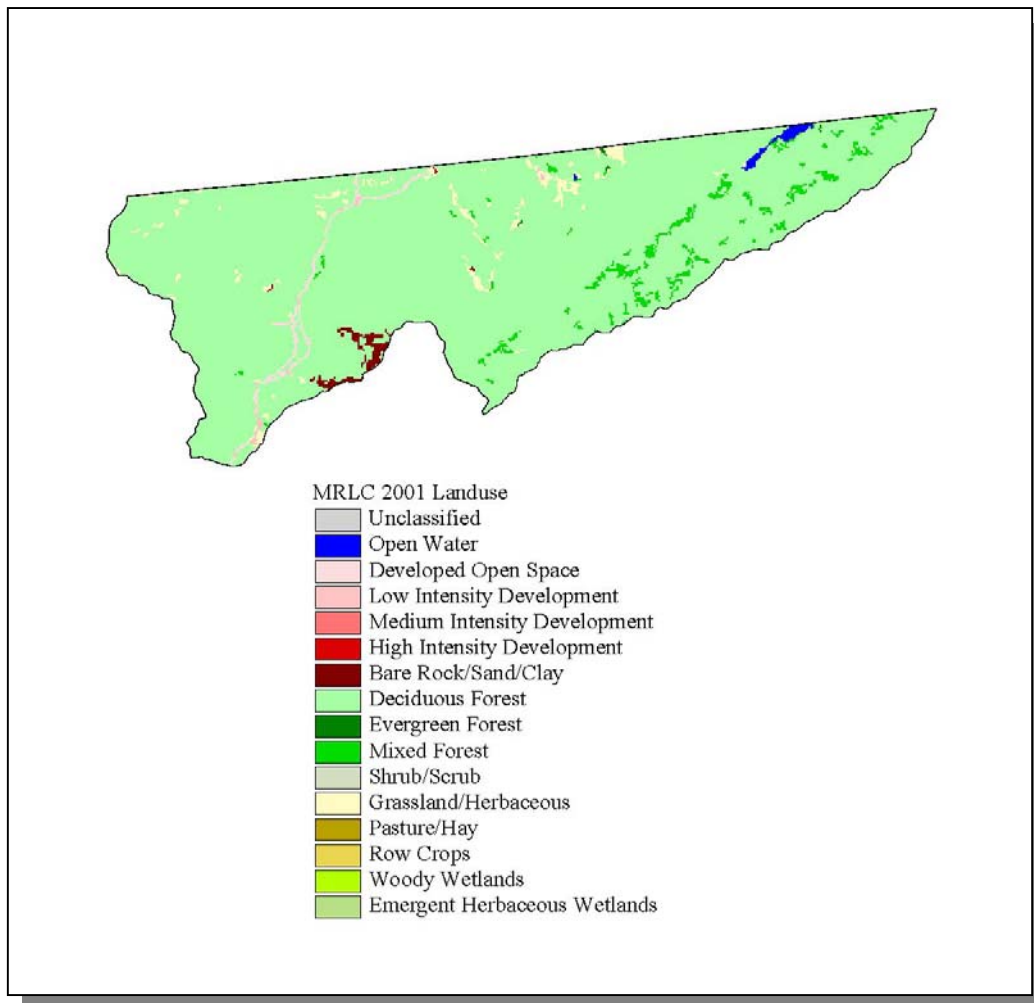


Figure 4-4. Illustration of Land Use Distribution in Subwatershed 051301010401.

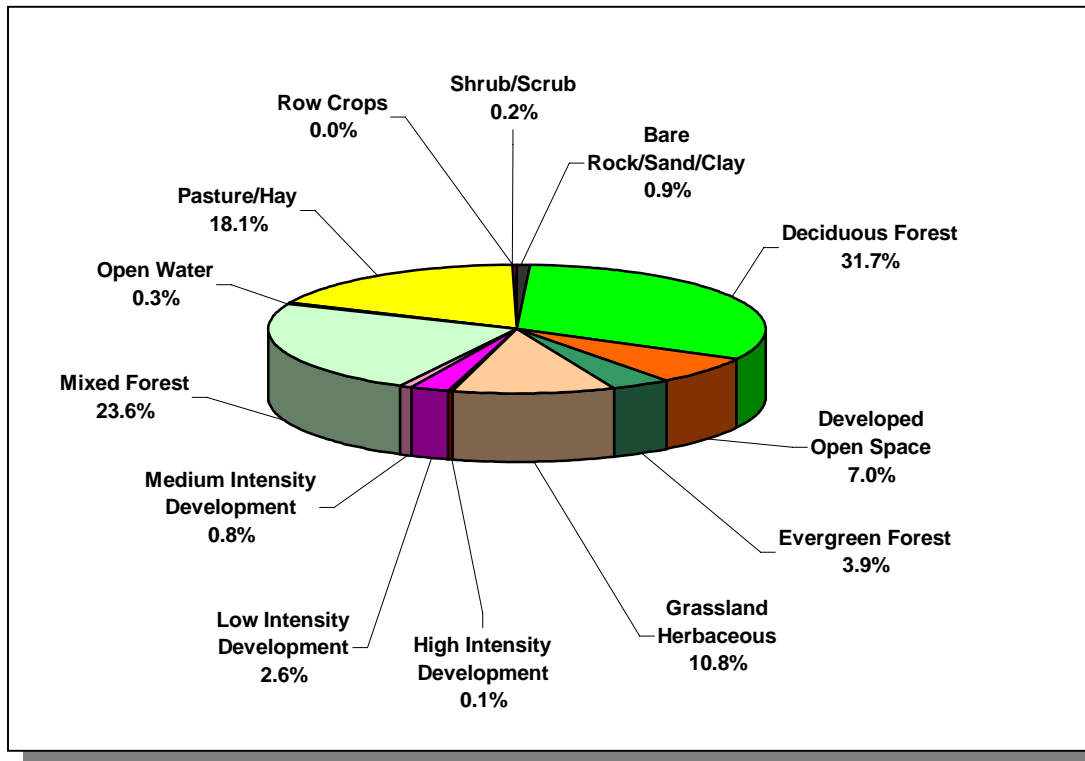


Figure 4-5. Land Use Distribution in Subwatershed 051301010401. More information is provided in Appendix IV.

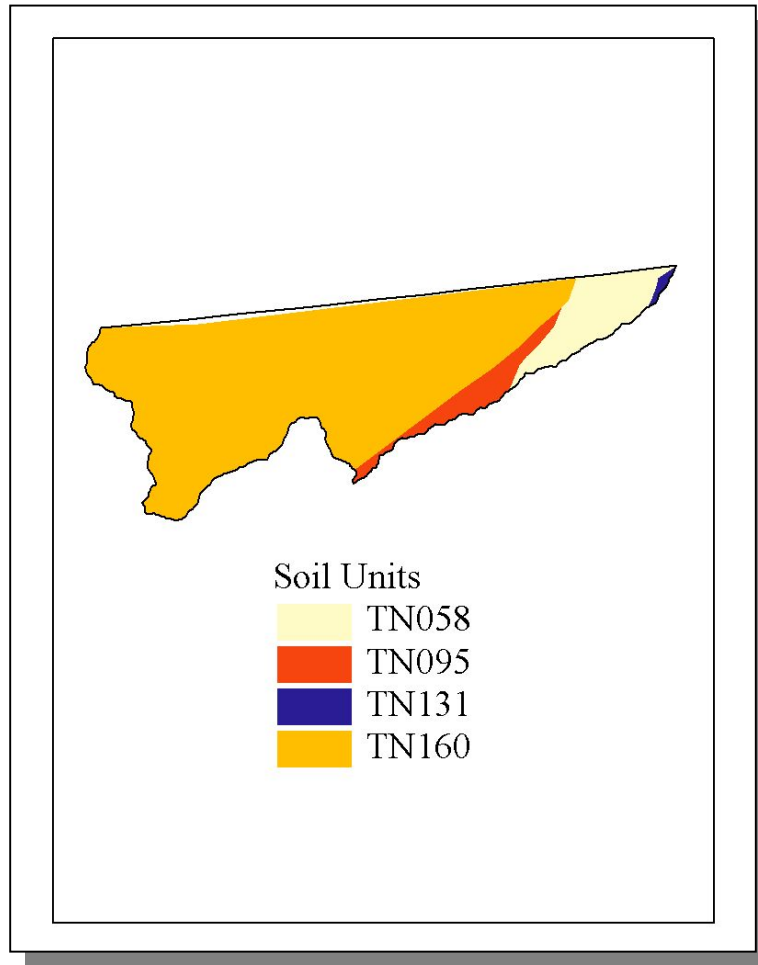


Figure 4-6. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010401.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN058	0.00	B	4.50	5.00	Loam	0.25
TN095	0.00	B	2.35	5.12	Loam	0.31
TN131	0.00	C	1.17	4.95	Silty Loam	0.33
TN160	0.00	B	2.69	5.36	Loam	0.25

Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 051301010401. The definition of "Hydrologic Group" is provided in Appendix IV.

	COUNTY POPULATION				ESTIMATED POPULATION IN WATERSHED			
County	1990	1997	2000	Portion of Watershed (%)	1990	1997	2000	% Change (1990-2000)
Claiborne	26,137	28,963	29,862	3.06	801	887	915	14.2

Table 4-3. Population Estimates in Subwatershed 051301010401.

4.2.A.i.a. Point Source Contributions.

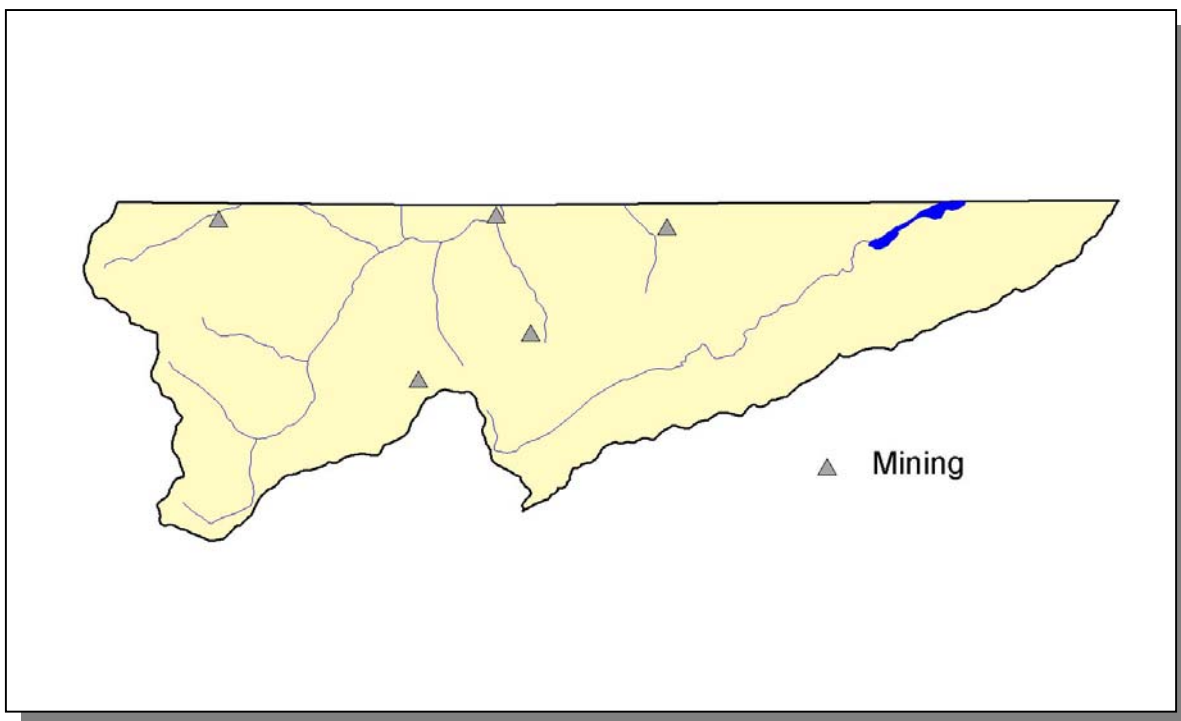


Figure 4-7. Location of Permits Issued in Subwatershed 051301010401. More information, including the names of facilities, is provided in Appendix IV.

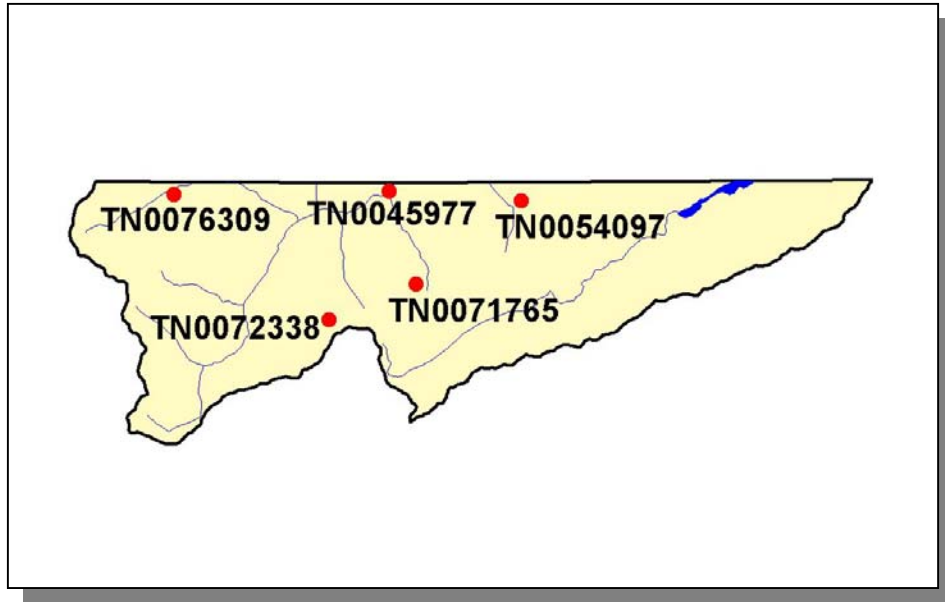


Figure 4-8. Location of Active Mining Sites in Subwatershed 051301010401. More information, including the names of mining operations, is provided in Appendix IV.

4.2.A.i.b. Nonpoint Source Contributions.

LIVESTOCK COUNT	
Beef Cow	Cattle
6	11

Table 4-4. Summary of Livestock Count Estimates in Subwatershed 051301010401. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

LIVESTOCK COUNTS					
County	Beef Cow	Cattle	Milk Cow	Chickens (Layers)	Sheep
Claiborne	18,697	36,566	1,082	420	165

Table 4-5. Summary of Livestock Count Estimates in Claiborne County. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Claiborne	167.6	167.6	2.6	12.1

Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 051301010401.

CROPS	TONS/ACRE/YEAR
Grass (Pastureland)	0.38
Grass, Forbs, Legumes (Mixed Pasture)	0.13
Farmsteads and Ranch Headquarters	0.43

Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 051301010401.